<u>CLAIMS</u>

What is claimed is:

1.   A method for providing client aware content aggregation and rendering in a portal
server, comprising:
     receiving content from a plurality of channels;
     aggregating the content from the channels using an aggregator, the aggregator
configured to process the content using a first markup language;
     processing the aggregated content using a rendering engine, the rendering engine
configured to output the aggregated content in a second markup language tailored for a
client device; and
     outputting the aggregated content in the second markup language to the client
device.

2.   The method of claim 1, wherein the first markup language is AML (abstract markup
language).

3.   The method of claim 1, wherein the second markup language is a device specific
markup language in accordance with the requirements of the client device

4.   The method of claim 1, wherein the content received from a plurality of channels
includes AML based pages

5.   The method of claim 1, wherein the content received from at least one of the plurality
of channels includes content in the second markup language

6.   A method of processing a request for content from an access device, comprising:

1   providing a first channel having content in a first markup language;

2   providing a second channel having content in the first markup language;

3   aggregating the first channel content with the second channel content to form a first

4   document in the first markup language; and

5   post-processing the first document to form a second document in a second markup

6   language.

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1 **7.**   The method according to claim 6, wherein:

2   the first and second channels each include a rendering channel.

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1 **8.**   The method according to claim 6, wherein:

2   the first channel includes a rendering channel; and

3   the second channel includes a non-rendering channel having content in the second

4   markup language.

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6 **9.**   The method according to claim 8, wherein:

7   the post-processing includes transforming a document from the first channel in a

8   first markup language into a document returned to the first channel in the second markup

9   language.

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1 **10.**   The method according to claim 3, wherein:

2   the first markup language includes a generic type of markup language.

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1 **11.**   The method according to claim 10, wherein:

2   the generic type of markup language includes abstract markup language (AML).

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    12.   The method according to claim 3, wherein:

the second markup language includes a device-specific markup language.

1   **13.**   The method according to claim 3, wherein:

2   the post-processing includes using a rendering engine.

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1   **14.**   A computer system configured to execute software to process a request for content from

2   an access device, comprising:

3   a first channel having content in a first markup language;

4   a second channel having content in the first markup language;

5   an aggregation of the first channel content with the second channel content to form a

6   first document in the first markup language; and

7   a post-processing of the first document to form a second document in a second

8   markup language.

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1   **15.**   The computer system according to claim 14, wherein:

2   the first and second channels each include a rendering channel.

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1   **16.**   The computer system according to claim 14, wherein:

2   the first channel includes a rendering channel; and

3   the second channel includes a non-rendering channel having content in the second

4   markup language.

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1   **17.**   The computer system according to claim 16, wherein:

2   the post-processing includes transforming a document from the first channel in a

3   first markup language into a document returned to the first channel in the second markup

4   language.

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1   **18.**   The computer system according to claim 17, wherein:

2   the first markup language includes a generic type of markup language.

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1   **19.**   The computer system according to claim 18, wherein:

2   the generic type of markup language includes abstract markup language (AML).

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1   **20.**   The computer system according to claim 14, wherein:

2   the second markup language includes a device-specific markup language.

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1   **21.**   The computer system according to claim 14, wherein:

2   the post-processing includes using a rendering engine.

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1   **22.**   A machine readable medium having embodied thereon a computer program for

2   processing by a machine, the computer program comprising:

3   code for providing a first channel having content in a first markup language;

4   code for providing a second channel having content in the first markup language;

5   code for aggregating the first channel content with the second channel content to

6   form a first document in the first markup language; and

7   code for post-processing the first document to form a second document in a second

8   markup language.

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1   **23.**   The machine readable medium according to claim 22, wherein:

2   the first and second channels each include a rendering channel.

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1   **24.**   The machine readable medium according to claim 22, wherein:

2   the first channel includes a rendering channel; and

3   the second channel includes a non-rendering channel having content in the second

4   markup language.

1   **25.**   The machine readable medium according to claim 24, wherein:

2   the post-processing includes transforming a document from the first channel in a

3   first markup language into a document returned to the first channel in the second markup

4   language.

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1   **26.**   The machine readable medium according to claim 22, wherein:

2   the first markup language includes a generic type of markup language.

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1   **27.**   The machine readable medium according to claim 26, wherein:

2   the generic type of markup language includes abstract markup language (AML).

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1   **28.**   The machine readable medium according to claim 22, wherein:

2   the second markup language includes a device-specific markup language.

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1   **29.**   The machine readable medium according to claim 22, wherein:

2   the post-processing includes using a rendering engine.

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